

Peak District National Park

Forecast valid from 00:00 on Sunday 09 Jan 2022 until 23:59 on Monday 10 Jan 2022

Forecast Issued on Saturday 08 Jan 2022 at 16:09

Confidence: High for general developments. Medium for cloud details.

Headline for Sunday 09 Jan 2022: Occasional rain and snow. Strong winds over the tops.

Mountain weather hazards on Sunday 09 Jan 2022

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light snow	Light snow	Light snow	Cloudy	Sleet	Light rain	Light rain	Mist
Precipitation probability							
50%	40%	40%	30%	40%	50%	60%	30%

Forecast for Sunday 09 Jan 2022

Weather: Rather cloudy with occasional rain and snow. Snow initially around 500m but rising above the tops during the afternoon. Some drier spells early in the day.

Chance of cloud free mountain/hill tops above 600m: 40%.

Visibility: Moderate or poor in rain and snow, occasionally very poor at height. Good or very good at times lower down. Occasional or extensive cloud, base down to 600m at times.

Forecast for Sunday 09 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/32 W	23/30 W	23/30 W	23/30 W	21/28 W	21/28 W	18/24 W	14/19 W	10/15 W
300	21/28 W	17/26 W	16/23 W	17/24 W	14/21 W	15/22 W	14/21 SW	10/16 W	6/9 SW
Valley	13/27 W	10/23 W	9/20 W	11/22 W	10/22 W	9/21 W	8/19 W	5/14 W	3/7 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-8	-0/-8	-1/-8	-0/-7	1/-6	2/-5	2/-4	2/-3	2/-2
300	2/-4	2/-4	1/-4	2/-4	3/-2	4/-1	4/-1	4/0	4/2
Valley	3/-2	2/-2	2/-2	2/-2	4/0	4/1	4/2	4/2	4/3
Freezing Level*	500m	500m	500m	500m	700m	800m	900m	1000m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 08 Jan 2022	16.2mm	17.6mm	17.6mm

Forecast for Monday 10 Jan 2022

Weather: Mainly dry overnight and during the morning with clear spells, although patchy cloud over the tops. Becoming cloudy and overcast with outbreaks of rain and drizzle during the afternoon and evening.

Maximum wind: South or Southwest 20 to 25mph gusting 35mph

Chance of cloud free mountain/hill tops above 600m: 70% overnight and during the morning. Becoming Nil to 20% during the afternoon and evening.

Visibility: Good or very good becoming moderate or poor in rain and drizzle. Very poor at times at height. Cloud mainly above the tops, becoming extensive 600m or less during the afternoon and evening.

Temperature: **Valleys:** Plus 1 Celsius rising to 8 Celsius
At 600m: Plus 2 Celsius rising to 5 Celsius
Freezing level: Above the summits.